

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 1    | 09/896509  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:29 |
| L2    | 0    | "Shizuya.in"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:30 |
| L3    | 0    | "Shizuya.in:"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:30 |
| L4    | 315  | Shizuya.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:30 |
| L5    | 4    | Shizuya.in. and BAC  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:31 |
| L6    | 34   | haploid same transposon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:32 |
| L7    | 9633 | bac or bacterial adj artificial adj chromosome                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:31 |
| L8    | 27   | haploid same transposon and (prokaryotic or prokaryote or procaryotic or procaryote) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:32 |
| L9    | 10   | haploid same (prokaryotic or prokaryote or procaryotic or procaryote) and transposon | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/01/26 10:35 |

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| L10 | 2   | haploid same (prokaryotic or prokaryote or procaryotic or procaryote) and insertional adj mutagenesis                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:36 |
| L11 | 0   | merodiploid and haploid and (prokaryotic or prokaryote or procaryotic or procaryote) and insertional adj mutagenesis | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:36 |
| L12 | 2   | merodiploid and haploid and (prokaryotic or prokaryote or procaryotic or procaryote) and transposon                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:36 |
| L13 | 127 | merodiploid  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:36 |
| L14 | 71  | merodiploid and transposon   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:38 |
| L15 | 40  | merodiploid and transposon and (essential or necessary or required or proliferation or replicaiothn ) adj gene       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:37 |
| L16 | 42  | merodiploid and transposon and (essential or necessary or required or proliferation or replication ) adj3 gene       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:37 |
| L17 | 46  | merodiploid and transposon and (essential or necessary or required or proliferation or replication ) adj3 gene       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:37 |
| L18 | 50  | merodiploid and transposon and (essential or necessary or required or proliferation or replication ) adj3 gene       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:37 |
| L19 | 31  | merodiploid same transposon  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:38 |

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| L20 | 74   | (mariner or transposon or tn5 or tn10 or tn7) and merodiploid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:40 |
| L21 | 2    | (mariner or transposon or tn5 or tn10 or tn7) and merodiploid and haploid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:40 |
| L22 | 67   | (mariner or transposon or tn5 or tn10 or tn7) and merodiploid and (identify or identification or target or screen or select) adj10 gene   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:41 |
| L23 | 39   | (mariner or transposon or tn5 or tn10 or tn7) and merodiploid and (identify or identification or target or screen or select) adj10 gene same (prokaryotic or prokaryote or procaryotic or procaryote or coli) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:43 |
| L24 | 150  | (mariner or transposon or tn5 or tn10 or tn7) same (identify or identification or target or screen or select) adj10 gene same (prokaryotic or prokaryote or procaryotic or procaryote or coli)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:43 |
| L25 | 7    | (mariner or transposon or tn5 or tn10 or tn7) same (identify or identification or target or screen or select) adj10 gene same (prokaryotic or prokaryote or procaryotic or procaryote or coli) and haploid    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:45 |
| L26 | 2209 | insertional adj mutagenesis   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:44 |
| L27 | 287  | (mariner or transposon or tn5 or tn10 or tn7) and diploid and (prokaryotic or prokaryote or procaryotic or procaryote or coli) and haploid  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:45 |
| L28 | 268  | (mariner or transposon or tn5 or tn10 or tn7) and diploid same haploid  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:46 |

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| L29 | 46   | I26 and I28  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:45 |
| L30 | 231  | (mariner or transposon or tn5 or tn10 or tn7) same I26                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 10:46 |
| L31 | 19   | I30 and diploid same haploid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:35 |
| L32 | 1499 | gene adj20 plasmid and insertional adj mutagenesis                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:36 |
| L33 | 2    | gene adj20 plasmid same haploid and insertional adj mutagenesis                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:37 |
| L34 | 14   | gene adj20 plasmid same haploid and (mariner or transposon or tn5 or tn10 or tn7)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:39 |
| L35 | 2    | gene adj20 plasmid adj20 haploid and (mariner or transposon or tn5 or tn10 or tn7) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:37 |
| L36 | 2217 | essential adj gene   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:38 |
| L37 | 14   | I34 and (mariner or transposon or tn5 or tn10 or tn7)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:39 |
| L38 | 537  | I36 and (mariner or transposon or tn5 or tn10 or tn7)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:39 |

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| L39 | 77 | I36 same (mariner or transposon or tn5 or tn10 or tn7)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:39 |
| L40 | 10 | I36 same (mariner or transposon or tn5 or tn10 or tn7) and haploid | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:40 |
| L41 | 9  | I36 and (mariner or transposon or tn5 or tn10 or tn7) same haploid | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/01/26 11:40 |

(FILE 'HOME' ENTERED AT 11:42:38 ON 26 JAN 2005)

FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 11:43:04 ON 26 JAN 2005

L1 12487 S BAC  
L2 668 S MERODIPLOID  
L3 1 S L2 AND L1  
L4 4577 S HAPLOID (S) DIPLOID  
L5 23 S L4 AND INSERTIONAL (A) MUTAGENESIS  
L6 19 DUP REM L5 (4 DUPLICATES REMOVED)  
L7 14 S L6 AND PY<=2000  
L8 13755 S AUTONOMOUSLY (A) REPLICATING (A) PLASMID OR BAC OR EPISOMAL (  
L9 156 S L8 (S) ESSENTIAL  
L10 14 S L8 (S) ESSENTIAL (A) GENE  
L11 2 S L10 AND HAPLOID  
L12 339 S SHIZUYA?/AU  
L13 1 S L12 AND MERODIPLOID  
L14 5 S HAPLOID AND COMPLEMENT AND TRANSPOSON  
L15 2 DUP REM L14 (3 DUPLICATES REMOVED)  
L16 2 S L15 AND PY<=2000